

## All PHA Recommendations

Tuesday, October 02, 2012 12:42:05 PM

| Record # | ABU | Unit     | I/R  | Item Nbr | Additional Consideration (Recommendation)   | ABU Proposal   | Resolution  | Verifier Comments  | Verifier Name       | Verified On | Due Date | RR SOE | Assigned To    | Status    |
|----------|-----|----------|------|----------|---|--|---|--|---------------------|-------------|----------|--------|----------------|-----------|
| 17115    | U&E | RO Plant | 2010 | 2.1.4.1  | Team discussed whether or not there is a continued need for the pressure filters due to the current high-quality feed water and the elimination of coagulant injection in the supply.<br><br>Consider revising the operation of the RO Plant to run with the pressure filters bypassed. | Perform test runs on EBMUD water to determine the impact of running with the pressure filters in service and with the pressure filters bypassed.<br>Perform test runs on RARE water to determine the impact of running with the pressure filters in service and with the pressure filters bypassed.<br>Perform cost/benefit analysis of the potential savings of running without the pressure filters or less frequent backwashes and recommend preferred option to ABU management for implementation. | This is an asset issue only. This is not a safety issue.<br><br>RARE provides 100% of the water to the RO Plant. At this time, the pressure filters are bypassed.<br>RARE will continue to supply 100% of the water to the RO Plant indefinitely. As a result, efforts should not be spent completing a test run on the pressure filters. | RARE does provide 100% of the feed to the RO at normal rates. At high rates (1000+MPPH), the RARE product water will have to be augmented with potable water. At these times, the pressure filters will be in service. There are procedures in place for those events. | McGreevy, Donald E. | 1/27/2011   | 6/2/2011 |        | Jewell, Amy S. | Completed |
| 17116    | U&E | RO Plant | 2010 | 12.12.1  | The team encountered some inaccurate information presented on P&IDs.<br><br>Update the RO Plant P&IDs per PHA the redline markups. The redlines include markups from the Spec Break Review.   | Update P&IDs per redline markups.<br>See Amy Jewell for markups and any clarification.   | 8/13/10 - DED has received the redlined P&ID's for the RO Plant. DED will work with drafting to complete the updates. Plan to complete prior to due date.<br><br>2/8/11 - The RO Plant P&ID's provided by the PHA team have been updated and published to the web. This change was documented under MOC #17116. (Cole Raiford)            | verified ok  | Reyes, Donald S.    | 2/10/2011   | 6/2/2011 |        | Raiford, Cole  | Completed |

Totals: 2 Records